# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 10 Jun 2023 until 23:59 on Sunday 11 Jun 2023

Forecast Issued on Friday 09 Jun 2023 at 15:48

**Confidence:** High for main theme of very warm conditions, but low for shower and thunderstorm detail and persistence into the evenings.

**Headline for Saturday 10 Jun 2023:** Very warm, with early sunshine. Some cloud bubbling up later, with small risk of hail and thundery downpours.

**Mountain weather hazards on Saturday 10 Jun 2023**

**Blizzards**
No Likelihood

**Gales**
No Likelihood

**Thunderstorms**
Low Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
Low Likelihood

**Heavy persistent rain**
Low Likelihood

**Storm force winds**
No Likelihood

**Poor visibility**
Low Likelihood

**Strong sunlight**
High Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Cloudy | Cloudy | Sunny intervals | Sunny | Sunny intervals | Sunny intervals | Sunny intervals | Thundery showers (night) |
| Precipitation probability | | | | | | | |
| 10% | 10% | 10% | 10% | 20% | 20% | 20% | 30% |

**Forecast for Saturday 10 Jun 2023**

**Weather:** Extensive low cloud in eastern parts of the Park should again burn back into daylight hours, perhaps more readily than of late. This should clear to sunny periods during the morning, with the UV index becoming high. Some cloud should bubble up into the afternoon, with a small chance of this culminating in thunderstorms in the south and later the west of the Park.

**Chance of cloud-free hill tops above 600m:** Perhaps 20% in the east at first, becoming generally greater than 90%.

**Low Cloud and visibility:** Areas of cloud down to 300m possible in the east at first, soon clearing. Visibility generally very good. Small chance of deteriorations due to heavy showers later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Mountain Weather Forecast

**Forecast for Saturday 10 Jun 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 11/19 NE | 11/19 NE | 15/22 NE | 17/23 E | 18/25 E | 18/26 E | 16/24 E | 14/24 E | 12/22 E |
| **300** | 9/22 NE | 9/22 NE | 11/22 NE | 9/18 E | 11/22 E | 14/26 E | 11/23 E | 8/22 E | 7/14 E |
| **Valley** | 7/14 E | 7/12 E | 9/17 E | 11/23 E | 16/29 E | 15/28 E | 12/24 E | 13/28 E | 12/26 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 8/6 | 9/7 | 10/6 | 14/11 | 18/14 | 21/16 | 19/16 | 15/13 | 14/11 |
| **300** | 8/6 | 9/6 | 12/9 | 18/16 | 23/21 | 24/22 | 22/20 | 17/16 | 14/13 |
| **Valley** | 14/13 | 14/13 | 16/14 | 21/19 | 24/21 | 26/24 | 24/22 | 19/17 | 17/15 |
| **Freezing Level*** | 2600m | 2600m | 2600m | 2800m | 2900m | 2900m | 2900m | 3000m | 3000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

The breeze is likely to make the strong sun deceptive, although both temperatures and humidity are liekly to be higher than of late to lessen this. Small chance of more variable winds later should showers appear.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Fri 09 Jun 2023 | 0mm | 0mm | 0mm |

**Forecast for Sunday 11 Jun 2023**

**Weather:** Any remaining showers fading through the early hours to leave the Park largely dry by dawn. Probably bright rather than sunny through the morning, with rising temperatures sparking a much greater risk of heavy, slow-moving thundery showers, with hail in places. These are likely to continue on into evening, very gradually easing.

**Maximum wind:** 20mph, mainly southeasterly, but some variability given showers.

**Chance of cloud-free hill tops above 600m:** 90%.

**Low Cloud and visibility:** Some low cloud to around 500m and perhaps some valley mist, tending to clear into daybreak.

**Temperature:** **Valleys:** Plus 12 becoming plus 25 Celsius.
**At 600m:** Plus 17 Celsius.
**Freezing level:** Well above the summits.

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